Appl. No. 09/926,438
Amdt. dated June 18, 2005
Reply to Office Action of Feb. 18, 2005

I.   Amendments to the Claims

This listing of claims will replace all prior versions and listings of claims in the application:

Listing of Claims

1. (Currently amended) A network resource control system for facilitating communication between a network terminal ~~terminals~~ and a selected network resource device ~~resources~~ over a network for communication of translated source data from the network terminal to the network resource device, the network resource control system comprising:

a resource registry including resource configuration data ~~records~~ associated with the selected network resource device ~~resources~~, the resource ~~records~~ configuration data defining ~~at least~~ a user access level for ~~each said~~ a degree of communication access the network terminal is to have with the network resource device, the resource configuration data further including a driver identifier for a resource driver associated with the selected network resource device, the resource driver for translating source data to produce the translated source data in a format suitable for processing by the network resource device;

an authorization server in communication with the resource registry for receiving a request from ~~controlling network access to the network resources by~~ the network ~~terminals~~ terminal for communication access to the selected network resource device, the request configured to include a device identifier associated with the selected network resource device and user configuration data associated with the network terminal, the authorization server being configured for accessing the resource configuration data associated with the request device identifier to determine if the network terminal is authorized for the defined user access level based on the user configuration data and to determine if the network terminal is configured with the resource driver associated with the driver identifier. ~~in accordance with the resource records;~~

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~~and an administration server in communication with the resource registry for providing~~
~~controlled access to the resource records.~~

2. (Currently amended) The ~~network resource control~~ system according to claim 1, wherein the
~~resource records define at least resource configuration data for each said network resource, and each~~
~~said network terminal has an associated terminal configuration, and the~~ authorization server is
configured ~~to receive from one of the network terminals a request for access to one of the network~~
~~resources, and~~ to configure the <u>resource driver</u> ~~one terminal for communication with the one network~~
~~resource~~ in accordance with a correspondence between the ~~terminal configuration~~ <u>user configuration</u>
data of the ~~one~~ network terminal and ~~the resource configuration data and~~ the user access ~~control data~~
<u>level</u> associated with the ~~one~~ network resource <u>device</u>.

3. (Deleted)

4. (Currently amended) The ~~network resource control~~ system according to claim 1, wherein the
~~resource records are~~ <u>resource configuration data is</u> configured for access by <u>an administrator</u>
~~respective administrators~~ of the network <u>resource device</u> ~~resources~~, and the ~~administration~~
<u>authorization</u> server is configured to receive from ~~one of the network administrators~~ <u>the</u>
<u>administrator</u> a request for access to ~~one of the resource records with~~ <u>the</u> user access <u>level</u> ~~control~~
~~data~~, to verify authorization for the access ~~from the access configuration associated with the one~~
~~resource record~~, and to update ~~the one resource record with~~ the user access <u>level</u> ~~control data~~ in
accordance with the verification.

5. (Currently amended) A method for facilitating communication between <u>a</u> network <u>terminal</u>
~~terminals~~ and <u>a selected</u> network <u>resource device</u> ~~resources~~ over a network <u>for communication of</u>

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translated source data from the network terminal to the network resource device, the method comprising the steps of:

providing a resource registry including resource configuration data ~~records~~ associated with the network ~~resources~~ resource device, the resource configuration data defining a user access level for a degree of communication access the network terminal is to have with the network resource device, the resource configuration data further including a driver identifier for a resource driver associated with the network resource device, the resource driver for translating source data to produce the translated source data in a format suitable for processing by the network resource device; ~~receiving user access control data from administrators of the network resources for incorporation into the resource records; and~~

receiving a request for communication access from the network terminal to the selected network resource device, the request configured to include a device identifier associated with the selected network resource device and user configuration data associated with the network terminal;

accessing the resource configuration data associated with the request device identifier to determine if the network terminal is authorized for the defined user access level based on the user configuration data; and

determining if the network terminal is configured with the resource driver associated with the driver identifier. ~~in accordance with the user access control data, configuring the network terminals for communication with the network resources.~~

6. The method according to claim 5, ~~wherein the resource records define at least resource configuration data for each said network resource, and each said network terminal has an associated terminal configuration, and the terminal configuring step comprises~~ further comprising the ~~steps~~ step of ~~receiving from one of the network terminals a request for access to one of the network resources,~~ and configuring the resource driver ~~one terminal for communication with the one network resource~~

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in accordance with a correspondence between the ~~terminal~~ user configuration data of the ~~one~~ network terminal and ~~the resource configuration data and~~ the user access ~~control data~~ level associated with the ~~one~~ network resource device.

7. (Deleted)

8. (Currently amended) The method according to claim 5, wherein ~~each said resource record~~ the resource configuration data is configured for access by ~~one of the network administrators~~ an administrator of the network resource device, and the ~~control data receiving step~~ method comprises the steps of receiving from ~~one of the network administrators~~ administrator a request for access to ~~one of the resource records~~ user access level, verifying authorization for the access ~~from the access configuration associated with the one resource record~~, and updating the ~~one resource record~~ user access level in accordance with the verification.

9. (New) The system according to claim 1, wherein the network resource device is selected from the group comprising a printer, a facsimile machine, an image server, a file server, an e-mail pager, and an e-mail enabled wireless telephone.

10. (New) The system according to claim 1, wherein the translated source data is selected from the group comprising: text; image; and multimedia data.

11. (New) The system according to claim 1, wherein the user access level establishes that the network resource device allows public access, such that any network terminal of the network resource control system can communication with the network resource device.

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12. (New) The system according to claim 1, wherein the user access level establishes that the network resource device allows private access such that only members of an enterprise associated with the network resource device can communicate with the network resource device.

13. (New) The system according to claim 1, wherein the user access level establishes that the network resource device allows authorized access such that only particular network terminals of the system can communicate with the network resource device.

14. (New) The system according to claim 1, wherein the user access level is one of multiple predefined access levels in relation to the network resource device.

15. (New) The system according to claim 4, wherein the authorization server sends an e-mail message to the administrator of the network resource device when there is a communication of translated source data from the network terminal to the network resource device.

16. (New) The method according to claim 5, wherein the network resource device is selected from the group comprising a printer, a facsimile machine, an image server, a file server, an e-mail pager, and an e-mail enabled wireless telephone.

17. (New) The method according to claim 5, wherein the translated source data is selected from the group comprising: text; image; and multimedia data.

18. (New) The method according to claim 5, wherein the user access level establishes that the network resource device allows public access such that any network terminal with access to the network can communicate with the network resource device.

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19. (New) The method according to claim 5, wherein the user access level establishes that the network resource device allows private access such that only members of an enterprise associated with the network resource device can communicate with the network resource device.

20. (New) The method according to claim 5, wherein the user access level establishes that the network resource device allows authorized access such that only particular network terminals with access to the network can communicate with the network resource device.

21. (New) The method according to claim 5, wherein the user access level is one of multiple predefined access levels in relation to the network resource device.

22. (New) The method according to claim 5 further comprising the step of sending an e-mail message to an administrator of the network resource device when there is a communication of translated source data from the network terminal to the network resource device.

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